Department of Defense Acquisition Domain (Sourcing) (DADS) Analysis of Alternatives (AoA)

Edie Ryan
HQ AFMC/PKS
23 August 2004

Overview

- DADS Purpose
- DADS FSA/AoA Process
- Status
- Summary

Purpose of DADS AoA

- Purpose**:** Way ahead beyond SPS V4.2
- Scope: Sourcing**,** first increment in Acquisition

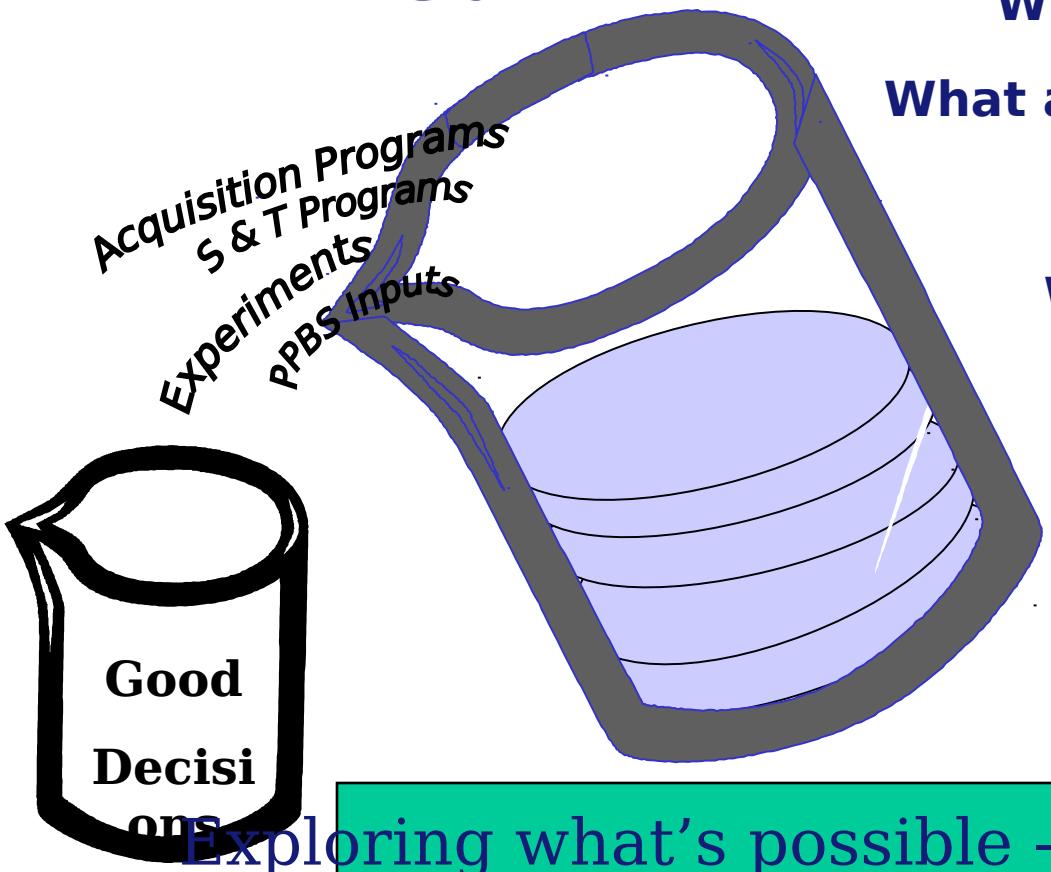
  Domain

  More than contract writing - includes contract management, purchase card, assistance agreements

- Objective: Enable DoD to acquire services/supplies in a standards based, seamless, shared data environment
- Authority**:** 26 Nov 2003 OSD AT&L Memo directed DPAP to conduct AoA with AF as lead service
  - Joint Study Team established

The "Knowledge" Cup

~~Goal of the DADS Study Team~~



What capabilities are required

What alternatives provide capabili

What capabilities exist?

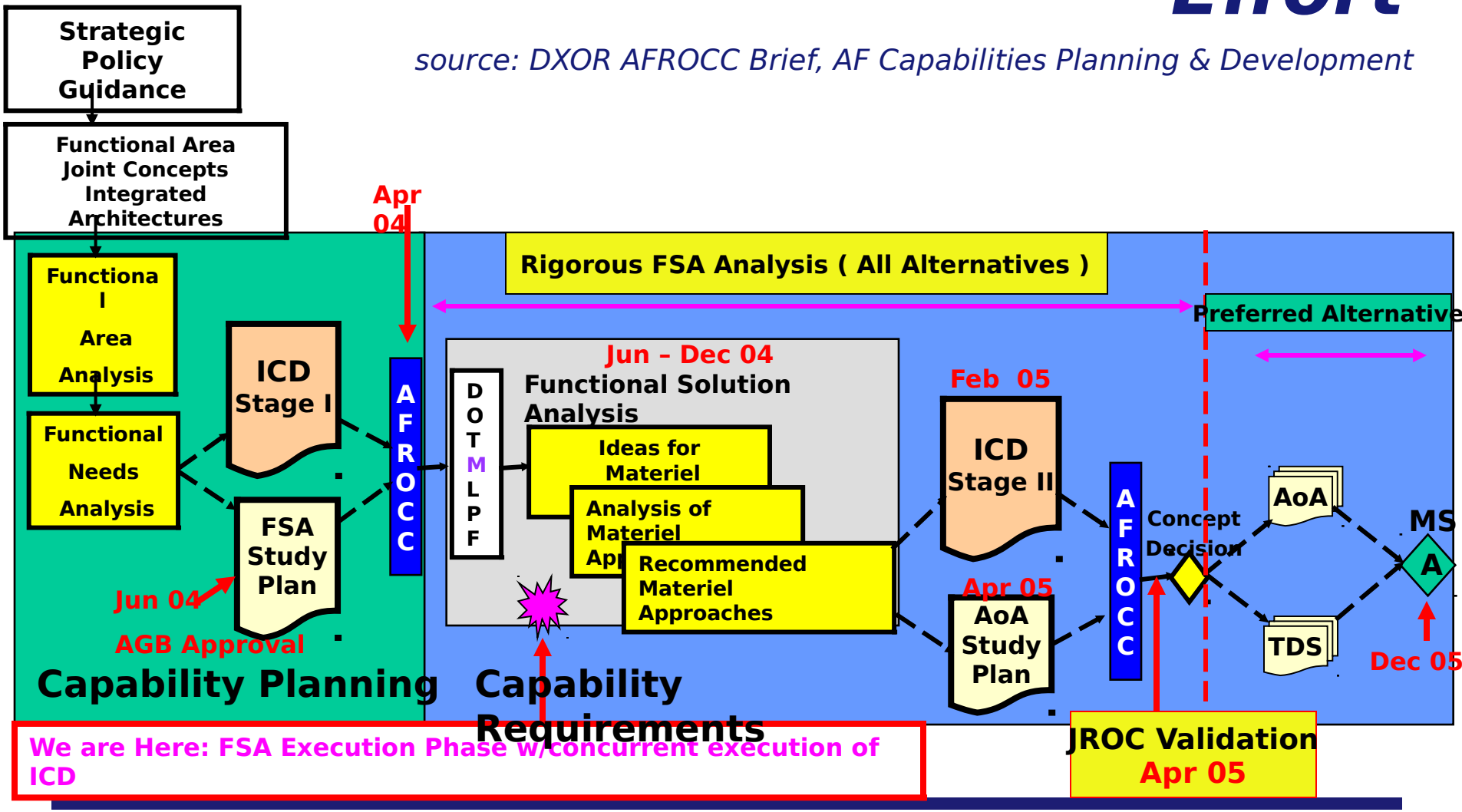
What capabilities don't exist

What is the best approach

Exploring what's possible – **not acquiring solutio**

FSA/AoA Overlay with ICD Effort

source: DXOR AFROCC Brief, AF Capabilities Planning & Development



Functional Area Analysis Required Capabilities

- Timely response to customer requirements
- Cost effective sourcing
- Leveraged-enterprise buying power
- Timely & accurate data to support accounting & finance processes
- Requirement initiation through closeout/final disposition
- Supports FAR/DFARS & other sourcing guidance for contracts, commercial capabilities and assistance agreements
- Flexible, adaptable, secure integration w/other communities
- Solution will reside within Global Information Grid
- Multiple operational environments
  - Available anywhere US Forces operate
  - Classified and non-classified

Operational Concept(s)

- **All operational environments**
- **Interface and interoperability aspects**
  - Data sharing with allied, coalition, multi-national partners
  - Support synchronization of databases
  - Information flow among multiple information formats
  - Identify associated information/data element levels
  - Intelligent push-pull of data
  - Interface with contractors to support electronic transaction processing using commercial standard formats
- **Constraints and assumptions for the analysis**
  - Being developed in conjunction with the Acquisition Governance Board (AGB) and other communities of interest

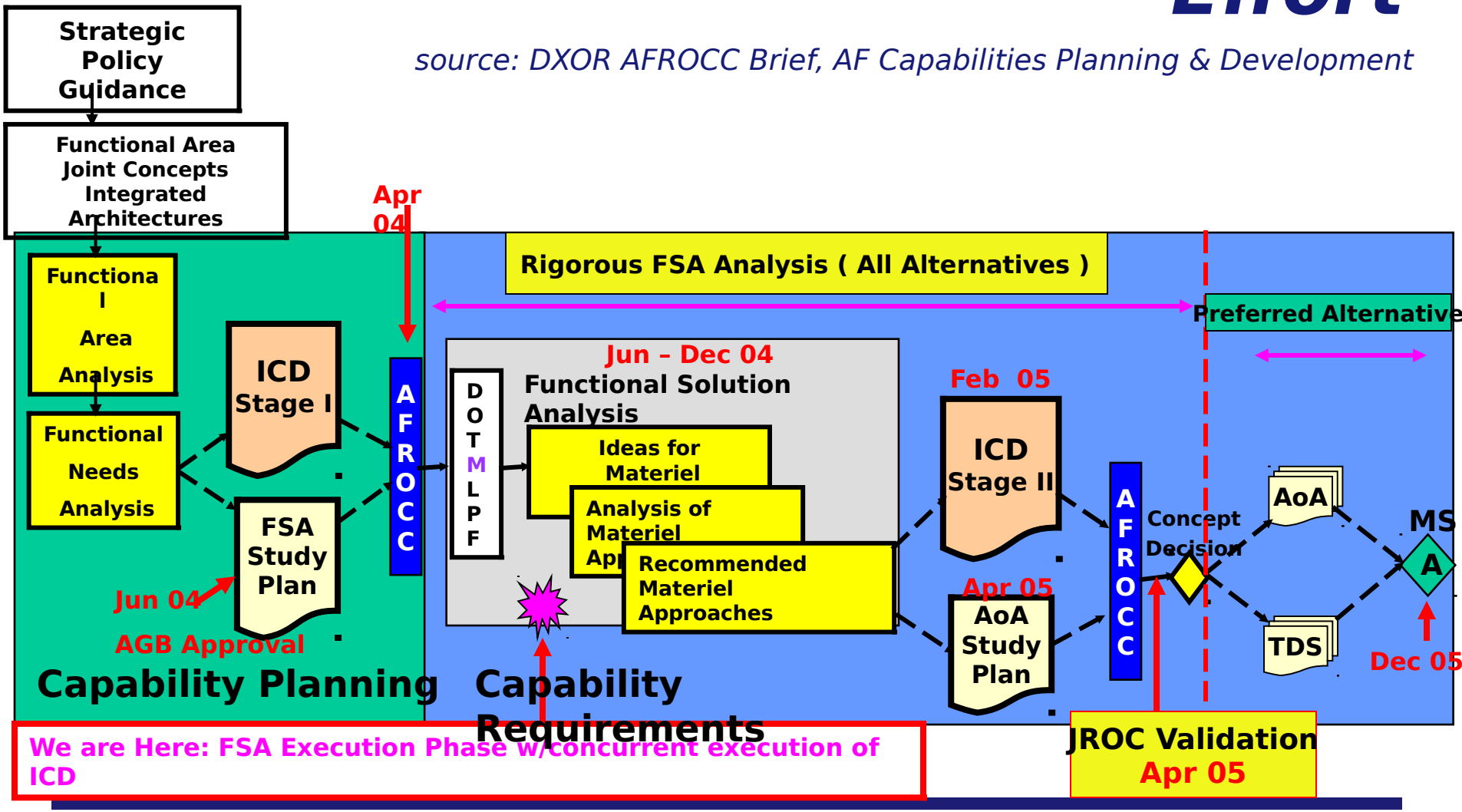
Functional Needs Analysis Capability Gaps

- No visibility into Enterprise buying opportunities
- Can't provide auditable financial accounting
- Can't support corporate strategic acquisition management with existing methods and technology
  - Interfaced, not integrated, agency-unique processes/tools
  - Multiple systems with similar functionality, costly maintenance

Need joint, seamless, end-to-end sourcing process to realize efficiencies in supplying goods and services to the Warfighter

FSA/AoA Overlay with ICD Effort

source: DXOR AFROCC Brief, AF Capabilities Planning & Development



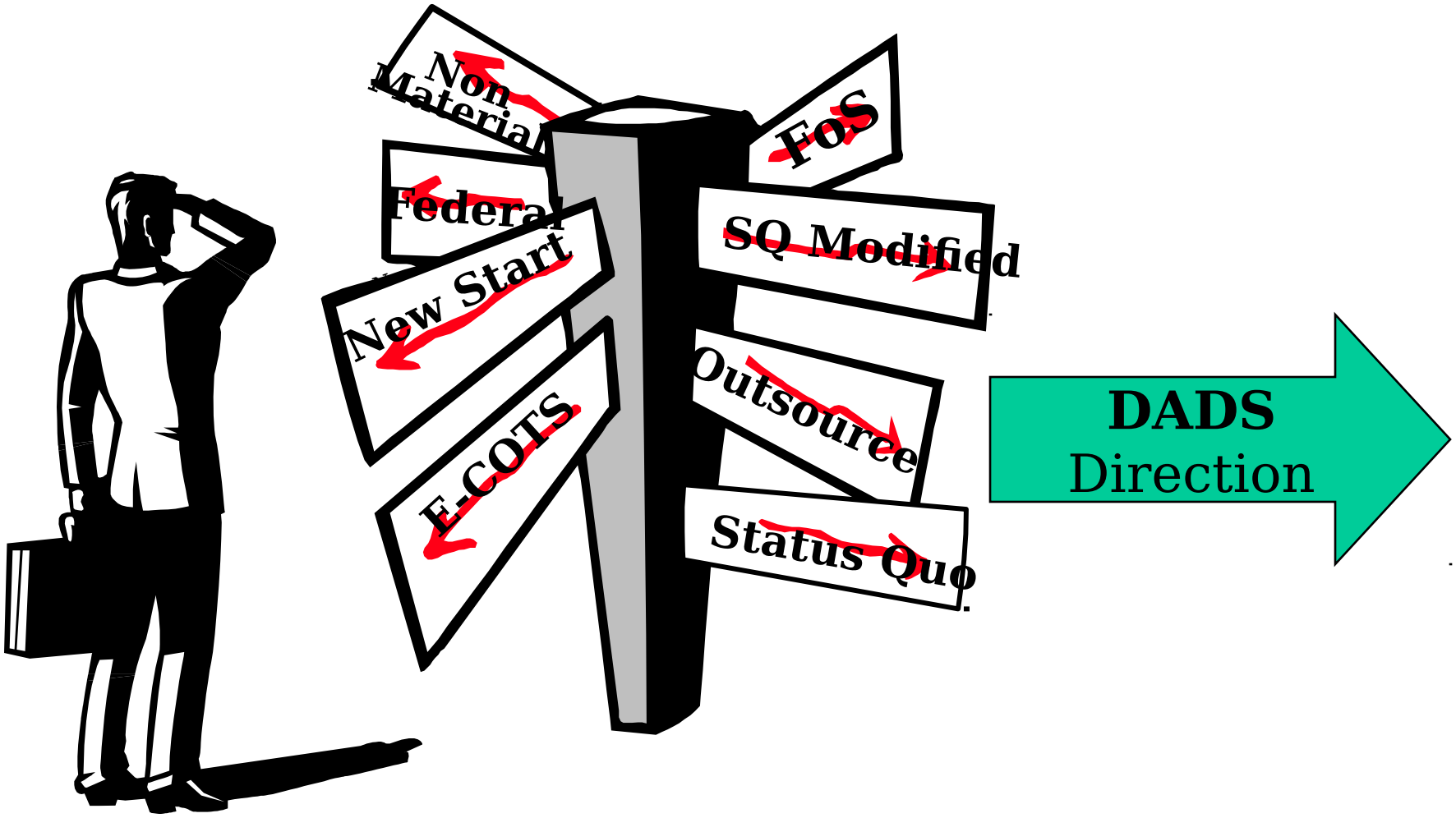
What Is An FSA?

- FSA provides direction for acquiring capabilities to fulfill shortfalls in the FNA
  - Objective: Recommend preferred alternative for AoA Study
- FSA has two parts
  - Non-material solution: Satisfy required capability by changing doctrine, operations, training, leadership, personnel and/or facilities?
  - Material solutions: What are the possible *"types"* of material solutions to fill the gaps? Which are the most cost-effective?
- Resulting AoA and TDS taken to MS A Decision to proceed into Technology Development Phase

FSA Alternatives *(Approaches)*

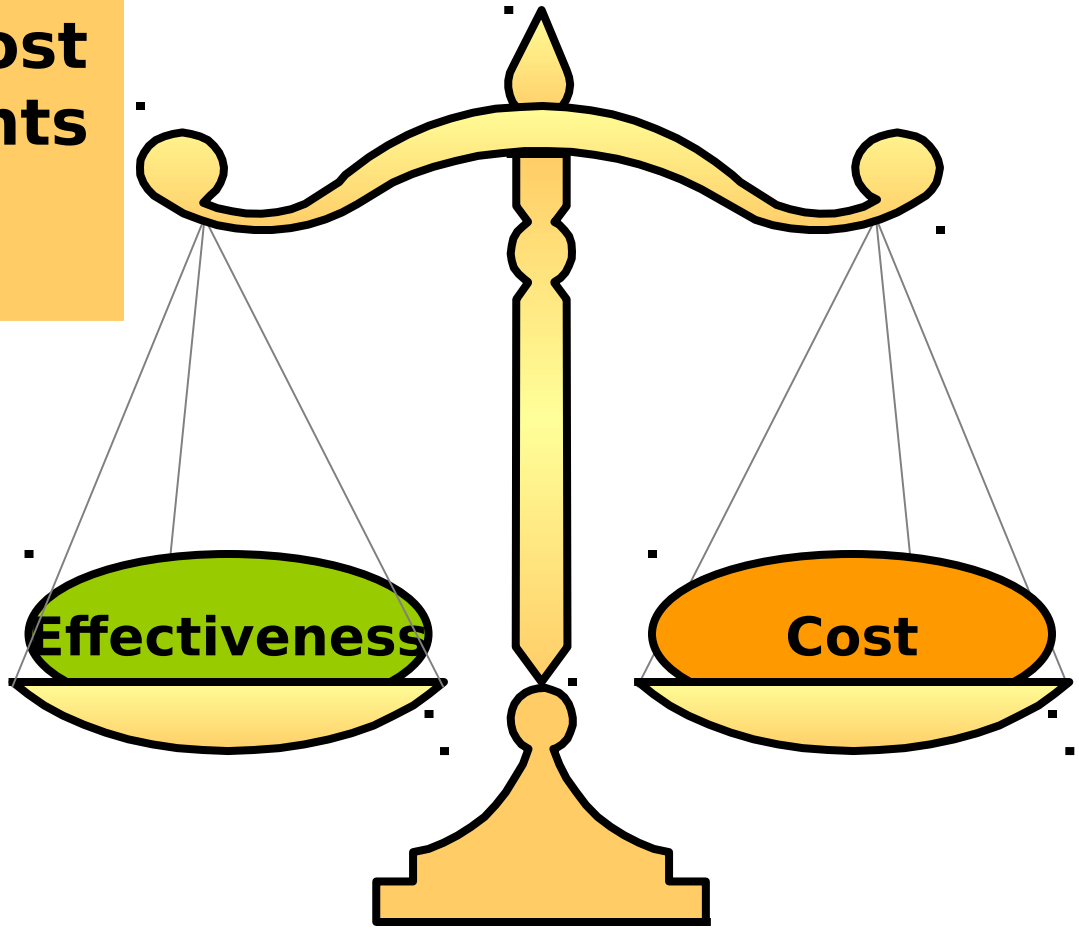
- Alt 1: Baseline: Status Quo (SPS V4.2.2 & legacy systems)
- Alt 2: Non-material
- Alt 3: Completed Status Quo (SPS V4.2.3 & remaining systems)
- Alt 4: Modified Status Quo (SPS V4.2.3 + to meet ICD req's)
- Alt 5: Custom Development
- Alt 6: Integrated Family of Solutions
- Alt 7: Commercial Outsourcing/Privatization
- Alt 8: Commercial "Enterprise" COTS-based solution
- Alt 9: Existing solutions in Federal Sector

FSA Goal


Non Material
FoS
Federal
SQ Modified
New Start
Outsource
E-COTS
Status Quo
DADS
Direction

FSA Methodology

Effectiveness and cost are major components of acquisition decisions



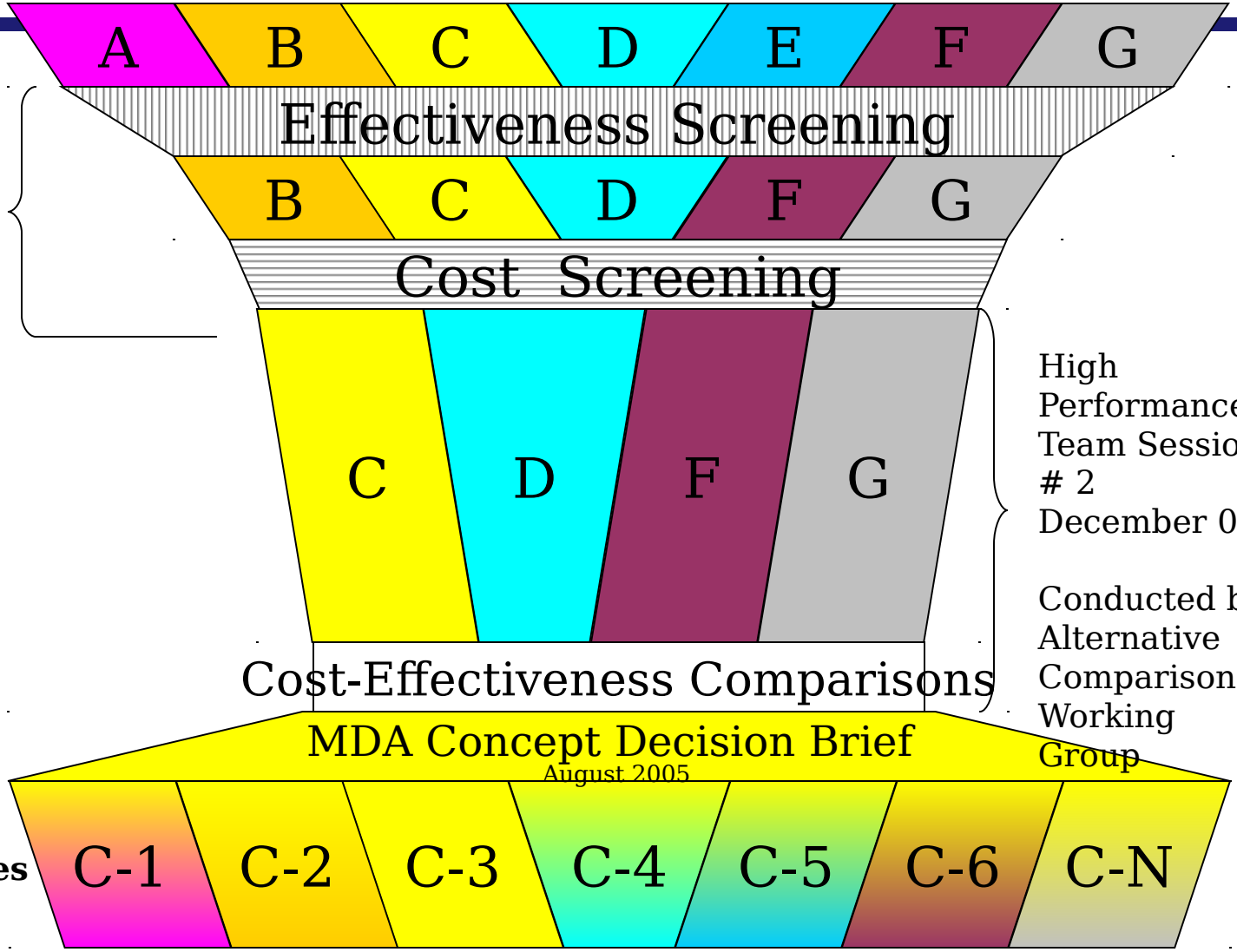
Request for Information (RFI) Responses

- **RFI educated Study Team**
  - ***What industry can provide***
  - ***Which companies are working pertinent areas***
- **RFI responses basis for assumptions**
  - **Technical Description**
  - **Cost**
- **What have we learned so far?**
  - **ICD capabilities appear to be attainable**
  - **RFI input for all approaches except custom development**
  - **Changed team perceptions in some cases**

Technical Description Document (TDD)

- Tool for DADS FSA/AoA study team
- Snapshot of representative solution for each alternative category
  - Materiel description
  - Notional CONOPS
  - DOTLPF elements
- Documents assumptions made to facilitate analysis
- Basis for developing alternative(s) for AoA Study
- Sanity check by outside participants (not on study team)
- Living document – evolves with team knowledge

DADS FSA Methodology



Possible DADS Solution Directions

High Performance Team Session # 1 September 04

Conducted by Alternative Comparison Working Group

High Performance Team Session # 2 December 04

Conducted by Alternative Comparison Working Group

Possible DADS AOA Alternatives (for detailed analysis)

Conclusion

- Outstanding support from Joint AoA Study Team
- On track for Dec 05 Milestone A Decision
- Blazing new trails in capabilities process!